

FIG 1 VP4 SEQUENCE OF P43 (SEQ ID NO: 1)

ATGGCTTCAC TCATTTATAG	ACAACTTCTC ACTAATTCAT	ATTCAGTAGA	50
TTTACATGAT GAAATAGAGC	AAATTGGATC AGAAAAAACT	CAGAATGTAA	100
CTATAAATCC GGGTCCATTT	GCACAGACTA GATATGCTCC	AGTCAATTGG	150
GATCATGGAG AGATAAATGA	TTCGACTACA GTAGAACCAA	TTTTAGATGG	200
TCCTTATCAG CCAACTACAT	TTACTCCACC TAATGATTAT	TGGATACTTA	250
TTAATTCAAA TACAAATGGA	GTAGTATATG AAAGTACAAA	TAATAGTGAC	300
TTTTGGACTG CAGTCGTTGC	TATTGAACCG CACGTCAACC	CAGTAGATAG	350
ACAATATATG ATATTTGGTG	AAAGCAAGCA ATTTAATGTG	AGTAACGATT	400
CAAATAAATG GAAGTTTSTA	GAAATGTTTA GAAGCAGTAG	TCAAAATGAA	450
TTTTATAATA GACGTACATT	AACTTCTGAT ACCAGACTTG	TAGGAATATT	500
TAAATATGGT GGAAGAGTAT	GGACATTTCA TGGTGAAACA	CCGAGAGCTA	550
CTACTGACAG TTCAAGTACT	GCAAAATTTAA ATAATATATC	AATTACAATT	600
CATTCAGAAT TTTACATTAT	TCCAAGGTCC CAGGAATCTA	AATGTAATGA	650
ATATATTAAT AATGGTCTGC	CACCAATTCA AAATACTAGA	AATGTAGTTC	700
CATTGCCATT ATCATCTAGA	TCGATACAGT ATAAGAGAGC	ACAAGTTAAT	750
GAAGACATTA TAGTTTCAAA	AACTTCATTA TCGAAAGAAA	TGCAGTATAA	800
TAGGGATATT ATAATTAGAT	TTAAATTTGG TAATAGTATT	GTAAAGATGG	850
GAGGACTAGG TTATAAATGG	TCTGAAATAT CATATAAGGC	AGCAAATTAT	900
CAATATAATT ACTTACGTGA	CGGTGAACAA GTAACCGCAC	ACACCACTTG	950
TTCAGTAAAT GGAGTGAACA	ATTTTAGCTA TAATGGAGGG	TTTCTACCCA	1000
CTGATTTTGG TATTTCAAGG	TATGAAGTTA TTAAAGAGAA	TTCTTATGTA	1050
TATGTAGACT ATTGGGATGA	TTCAAAAGCA TTTAGAAATA	TGGTATATGT	1100
TAGATCATTA GCAGCTAATT	TAAATTCAGT GAAATGTACA	GGTGGAAGTT	1150
ATTATTTTCTG TATACCAGTA	GGTGCATGGC CAGTAATGAA	TGGTGGCGCT	1200
GTTTCGTTGC ATTTTGCCGG	AGTTACATTA TCCACGCAAT	TTACTGATTT	1250
TGTATCATTA AATTCACTAC	GATTAGATT TAGTTTGACA	GTTGATGAAC	1300
CACCTTTCTC AATACTGAGA	ACACGTACAG TGAATTTGTA	TGGATTACCA	1350
GCCGCTAATC CAAATAATGG	AAATGAATAC TACGAAATAT	CAGGAAGGTT	1400
TTCACTCATT TCTTTAGTTC	CAACTAATGA TGATTATCAG	ACTCCAATTA	1450

**FIG. 1**

FIG 1 VP4 SEQUENCE OF P43 (SEQ ID NO: 1)

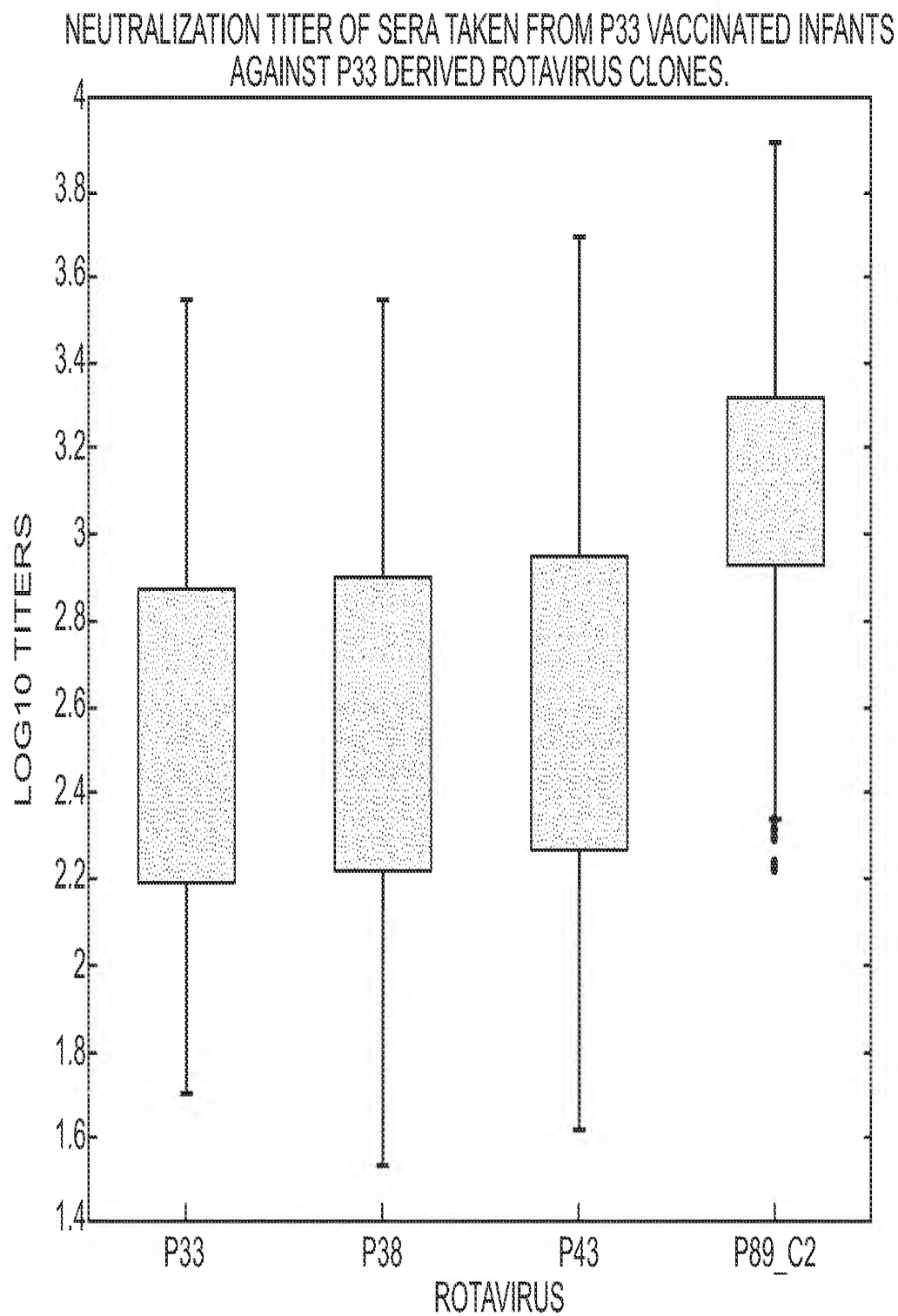
TGAATTCAGT	GACGGTAAGA	CAAGATTTAG	AGCGCCAACT	TACTGATTTA	1500
CGAGAAGAAT	TTAACTCATT	GTCACAAGAA	ATAGCTATGG	CACAATTGAT	1550
TGATTTAGCA	CTGTTGCCTC	TAGATATGTT	TTCCATGTTT	TCAGGAATTA	1600
AAAGTACAAT	TGATTTAACT	AAATCAATGG	CGACTAGTGT	AATGAAGAAA	1650
TTTAGAAAAT	CAAAATTAGC	TACATCAATT	TCAGAAATGA	CTAATTCATT	1700
GTCAGATGCT	GCTTCATCAG	CATCAAGAAA	CGTTTCTATT	AGATCGAATT	1750
TATCTGCGAT	TTCAAATTGG	ACTAATGTTT	CAAATGATGT	GTCAAACGTA	1800
ACTAATTCAT	TGAACGATAT	TTCAACACAA	ACATCTACAA	TTAGTAAGAA	1850
ACTTAGATTA	AAAGAAATGA	TTACTCAAAC	TGAAGGAATG	AGCTTTGACG	1900
ACATTTTCAGC	AGCTGTACTA	AAAACAAAAA	TAGATATGTC	TACTCAAATT	1950
GGAAAAAATA	CTTTACCTGA	TATAGTTACA	GAAGCATCTG	AGAAATTTAT	2000
TCCAAAACGA	TCATATCGAA	TATTAAAGGA	TGATGAAGTA	ATGGAAATTA	2050
ATACTGAAGG	AAAATTCTTT	GCATACAAAA	TTAATACATT	TGATGAAGTG	2100
CCATTCGATG	TAAATAAATT	CGCTGAACTA	GTAACAGATT	CTCCAGTTAT	2150
ATCAGCGATA	ATCGATTTTA	AGACATTGAA	AAATTTAAAT	GATAATTATG	2200
GAATCACTCG	TACAGAAGCG	TTAAATTTAA	TTAAATCGAA	TCCAAATATG	2250
TTACGTAATT	TCATTAATCA	AAATAATCCA	ATTATAAGGA	ATAGAATTGA	2300
ACAGTTAATA	CTACAATGTA	AATTGTGAGA	ACGCTATTGA	GGATGTGACC	2350

**FIG. 1 (CON'T)**

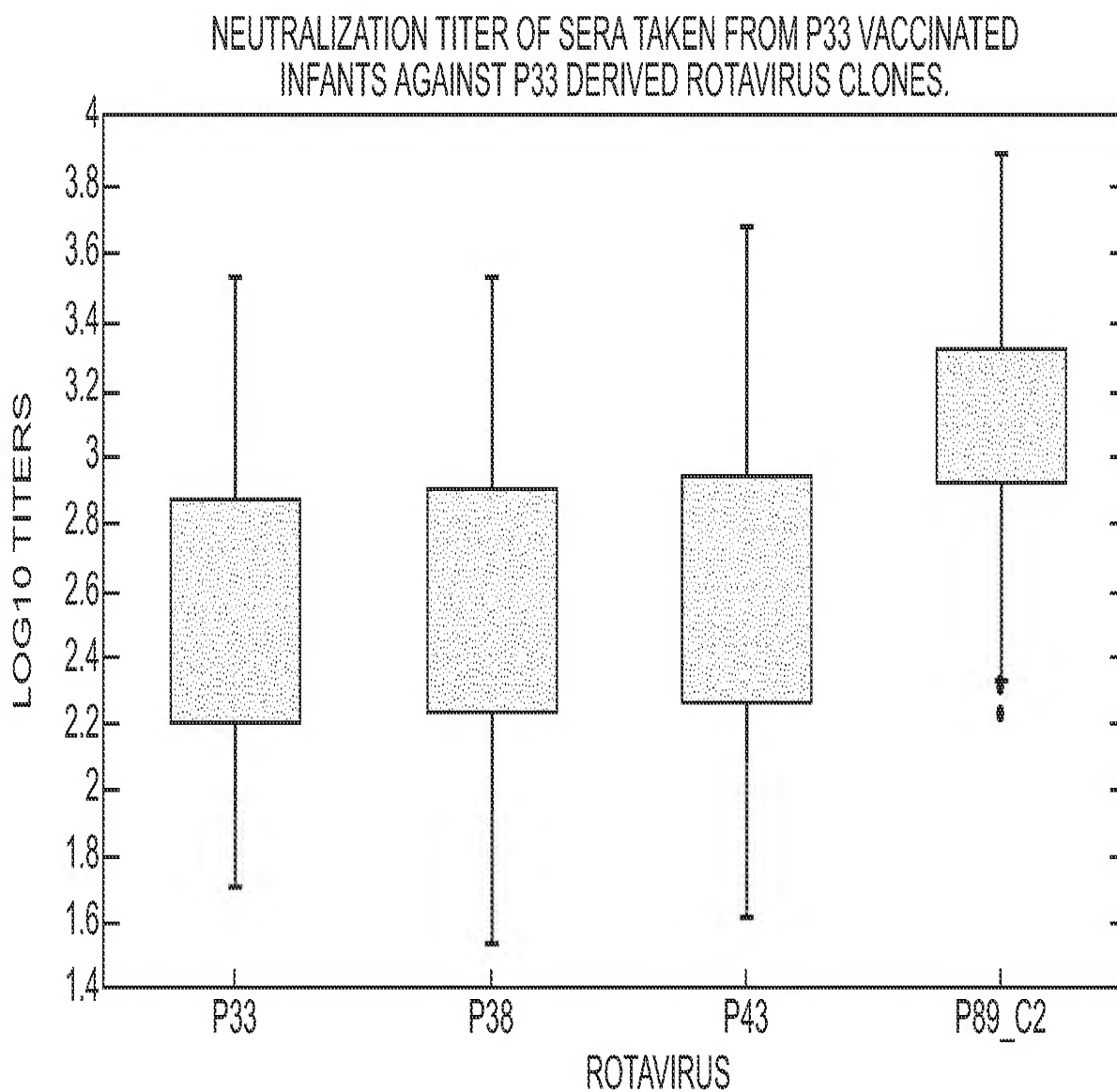
# FIG 2 VP7 SEQUENCE OF P43 (SEQ ID NO: 2)

ATGTATGGTC	TTGAATATAC	CACAATTCTA	ATCTTTCTGA	TATCAATTAT	50
TCTACTCAAC	TATATATTAA	AATCAGTAAC	TCGAATAATG	GACTACATTA	100
TATATAGATC	TTTGGTTGATT	TATGTAGCAT	TATTTGCCTT	GACAAGAGCT	150
CAGAATTATG	GGCTTAACTT	ACCAATAACA	GGATCAATGG	ACACTGTATA	200
CGCTAACTCT	ACTCAAGAAG	GAATATTTCT	AACATCCACA	TTATGTTTGT	250
ATTATCCAAC	TGAAGCAAGT	ACTCAAATTA	ATGATGGTGA	ATGGAAAGAC	300
TCATTGTCAC	AAATGTTTCT	CACAAAAGGT	TGGCCAACAG	GATCAGTCTA	350
TTTTAAAGAG	TATTCAAGTA	TTGTTGATTT	TTCTGTCGAT	CCACAATTAT	400
ATTGTGATTA	TAACTTAGTA	CTAATGAAAT	ATGATCAAAA	TCTTGAATTA	450
GATATGTCAG	AGTTAGCTGA	TTTAATATTG	AATGAATGGT	TATGTAATCC	500
AATGGATATA	ACATTATATT	ATTATCAACA	ATCGGGAGAA	TCAAATAAGT	550
GGATATCAAT	GGGATCATCA	TGTACTGTGA	AAGTGTGTCC	ACTGAATACG	600
CAAATGTTAG	GAATAGGTTG	TCAAACAACA	AATGTAGACT	CGTTTGAAAT	650
GGTTGCTGAG	AATGAGAAAT	TAGCTATAGT	GGATGTCGTT	GATGGGATAA	700
ATCATAAAAT	AAATTTGACA	ACTACGACAT	GTACTATTTCG	AAATTGTAAG	750
AAGTTAGGTC	CAAGAGAGAA	TGTAGCTGTA	ATACAAGTTG	GTGGCTCTAA	800
TGTATTAGAC	ATAACAGCAG	ATCCAACGAC	TAATCCACAA	ACTGAGAGAA	850
TGATGAGAGT	GAATTGGAAA	AAATGGTGGC	AAGTATTTTA	TACTATAGTA	900
GATTATATTA	ACCAAATCGT	GCAGGTAATG	TCCAAAAGAT	CAAGATCATT	950
AAATTCTGCA	GCTTTTATT	ATAGAGTATA	GATATATCTT	AGATTAGATC	1000
GATGTGACC					

FIG. 2

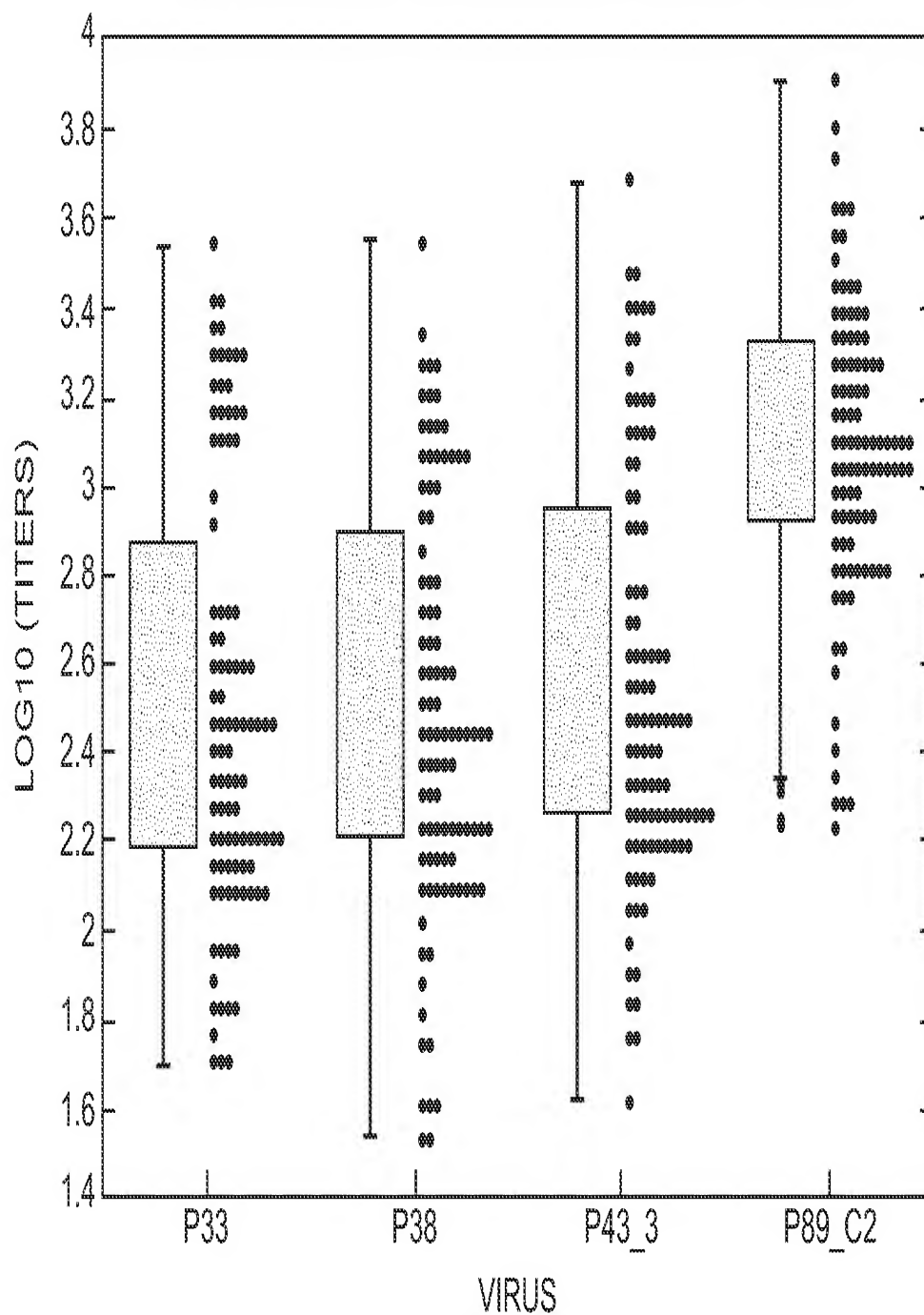


**FIG. 3**



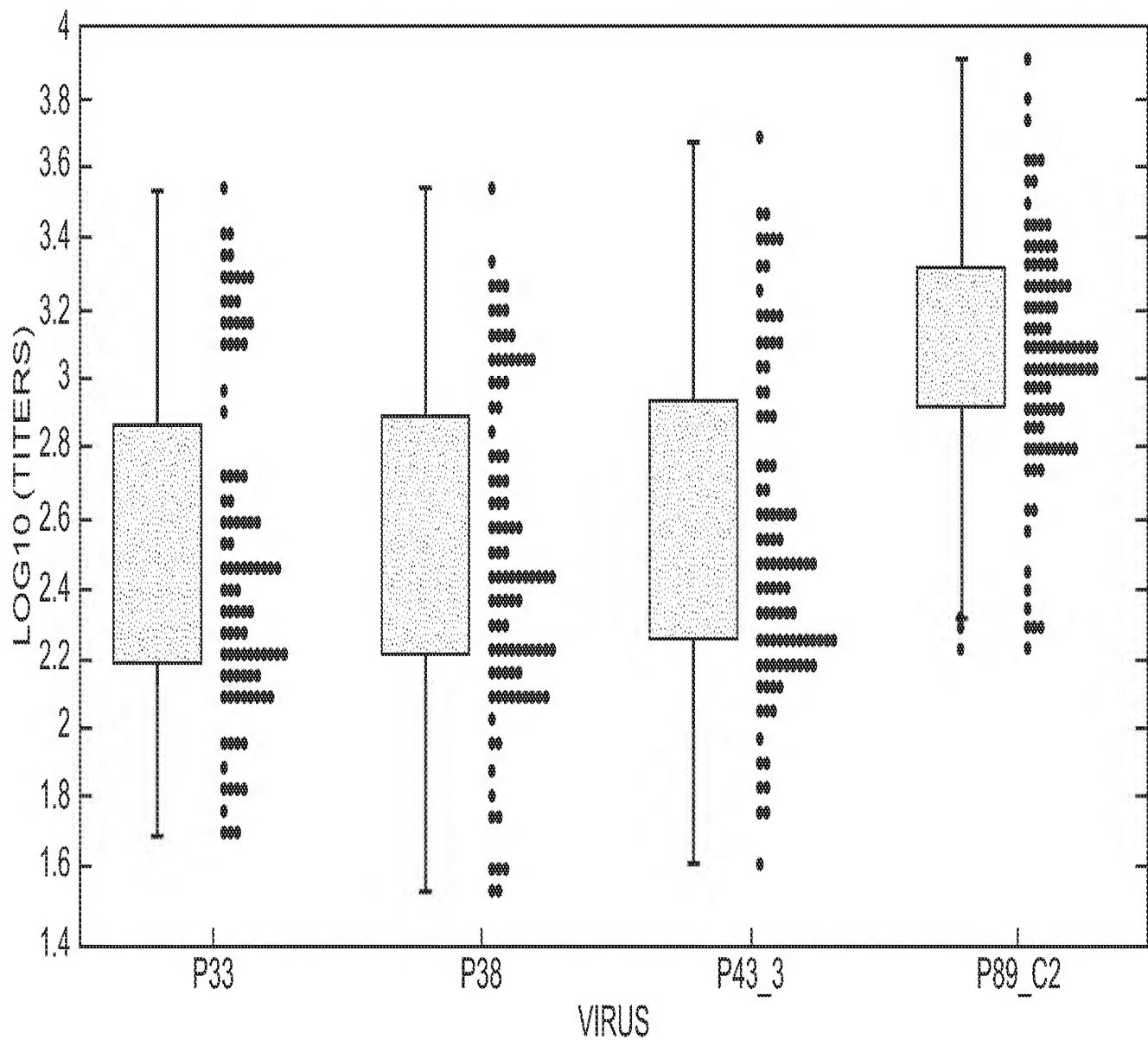
**FIG. 4**

NEUTRALIZATION TITER OF SERA TAKEN FROM P33 VACCINATED  
INFANTS AGAINST P33 DERIVED ROTAVIRUS CLONES.

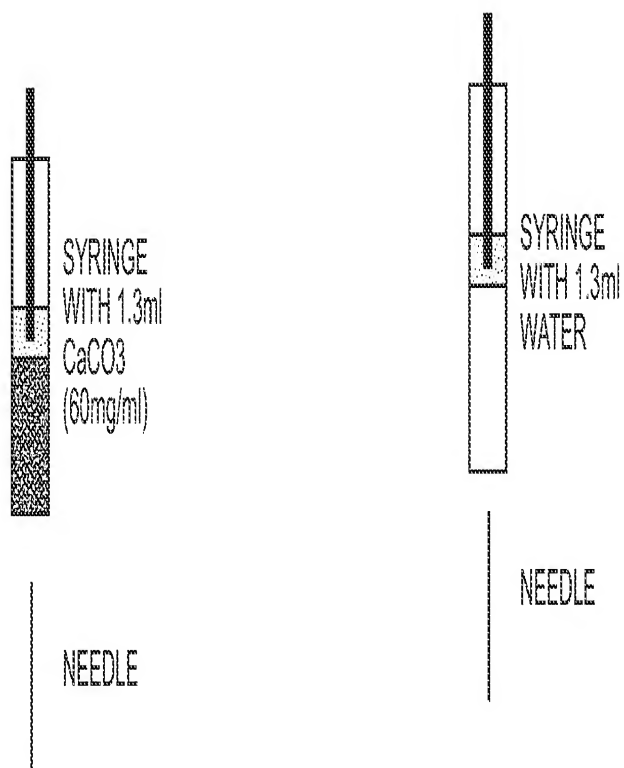


**FIG. 5**

NEUTRALIZATION TITER OF SERA TAKEN FROM P33 VACCINATED INFANTS AGAINST  
P33 DERIVED ROTOVIRUS CLONES.

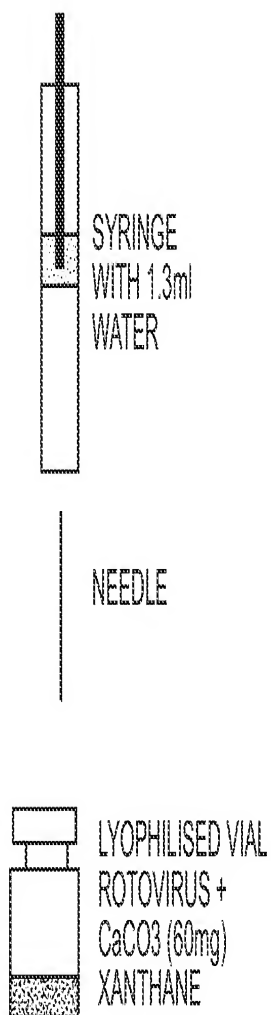


**FIG. 6**



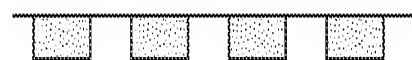
$\text{CaCO}_3$  IN THE  
 SYRINGE

**FIG. 7A**



$\text{CaCO}_3$  IN THE  
 LYOPHILISED VIAL

**FIG. 7B**



LYOPHILISATION  
 IN A BLISTER

**FIG. 7C**